

WipeDrive SSD Erasure

THE PROBLEM

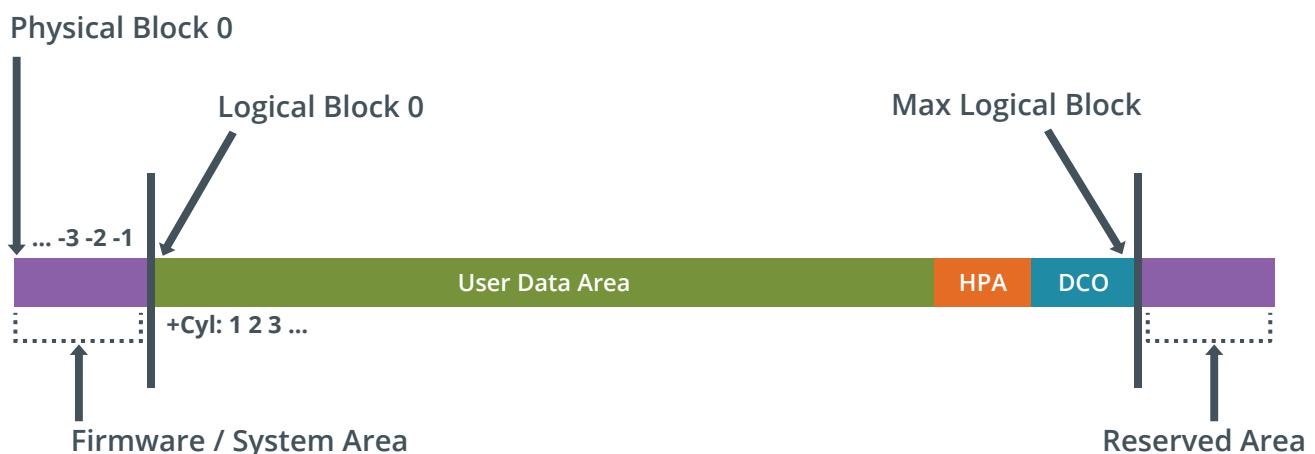
With SSDs (Solid State Drives) shipments growing by nearly 50% year over year the question of how to deal with these drives at end of life is a growing concern. Some research has called into question whether a software based tool can securely overwrite all data on SSDs, in particular space reserved for wear-leveling (intended to prolong the life of a drive).



CONTROLLER HURDLES

Hard Drive controllers reserve space that is unavailable/non-visible for typical data storage purposes. These include the following types:

- Hidden Partitions
 - HPA – Host Protected Area
 - DCO – Drive Configuration Overlay
 - Accessible Sectors
- Drive Lifespan
 - Wear Leveling Areas
 - Remapped Sectors
- Drive Controller
 - Firmware



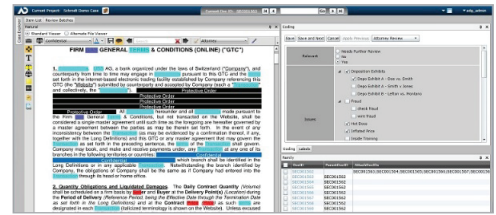
POTENTIAL RISK

Depending on the type of sectors, the risk of data recovery varies. Using free or insufficient wiping techniques can leave vulnerable data on your SSD. Data left on Wear Leveling Areas and Remapped Sectors require trained technicians to retrieve data in specialized labs. Because of the exacting procedures and high cost, this data is at a very low risk of retrieval. Other sectors, such as hidden partitions, are at a higher risk of being accessed. With sophisticated software, retrieval is possible. That is why choosing the right disk wiping solution is so important.

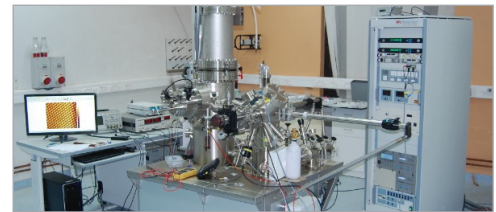
High Risk



Low Risk



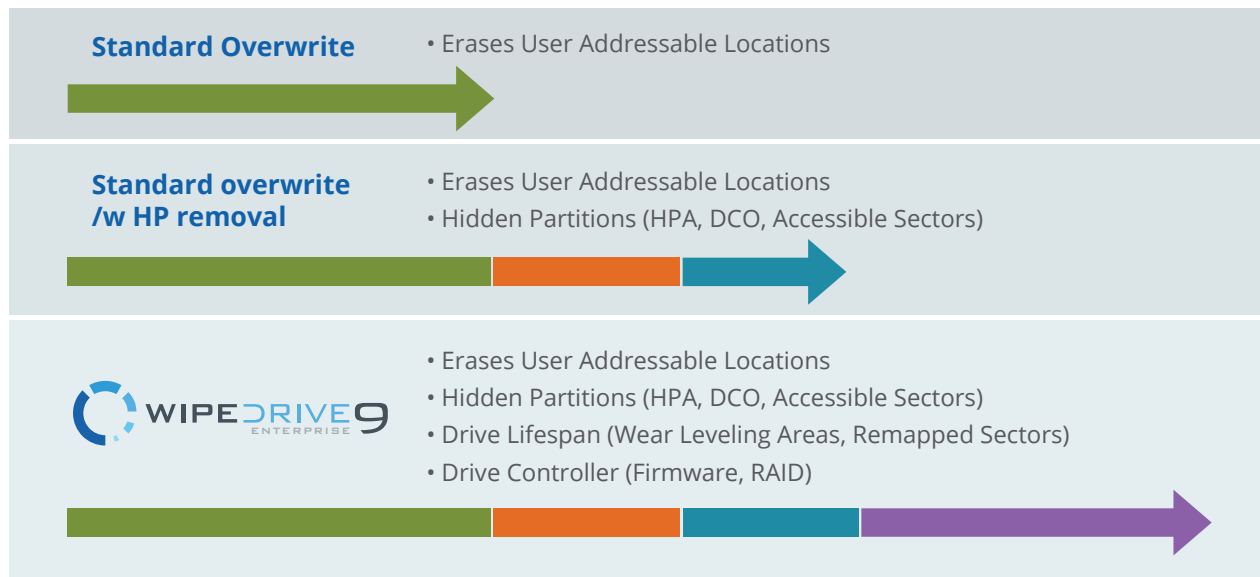
sophisticated software required



recoverable under lab conditions

THE SOLUTION

WipeDrive version 9 will securely overwrite all data on all types of SSDs. Using our secure process of combining hardware level commands, redundant block based writing and full drive verification WipeDrive 9 is the solution to handle all your SSD erasure requirements.



WhiteCanyon's WipeDrive is the only tool to achieve the Common Criteria EAL2+ certification for data destruction and is used throughout the world on the most sensitive data. WipeDrive is currently used by the US DoD, US House and Senate and by more of the Fortune 100 than any other tool.